Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control no.

(0.1	Substitu	te for form 1449A/PT	o		Comple	ete if Known
01	(C)				Application Number	09/839,045
/	INE	RMATION DI	SCI	OSURE	Filing Date	April 20, 2001
		TEMENT BY	APP	LICANT	First Named Inventor	Dietrich Charisius, et al.
	, š./				Group Art Unit	Not Yet Assigned
MADEM	BKOLL	(use as many	sheet	s as necessary)	Examiner Name	Not Yet Assigned
- OEM	Sheet	1	of	1	Attorney Docket Number	30013630-0008

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	U.S. Patent Document Kind Code Number (if known	of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
					<u> </u>		
			· · · · · · · · · · · · · · · · · · ·	,			
				1			

				FOREI	GN PATENT DOCUMEN	ITS		
Examiner Initials*	Cite	For	eign Patent Docu	ment	Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant	
	No. ¹	Office ³	Number ⁴	Kind Code ^s (if known)		Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ⁶
-ec		EP	1 030 252	A1	Sun Microsystems	08/23/00		
18		EP	1 030 242	A2	Fujitsu Limited	08/23/00		
	-							ļ
	<u> </u>	-	, ,					
	-							
	 			1				

Examiner Signature Date Considered 51004



^{*}EXAMINER: Initial if reference considered, Wether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control no.

Substitu	te for form 1449B/PT	0		Comple	ete if Known
				Application Number	09/839,045
ซู/NFO	RMATION DI	SCI	LOSURE	Filing Date	April 20, 2001
્ ફSTA1	EMENT BY	APP	LICANT	First Named Inventor	Dietrich Charisius, et al.
, st./			•	Group Art Unit	Not Yet Assigned
	(use as many	sheet	s as necessary)	Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	30013630-0008

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
T		JAMES MARTIN, "Principles of Object-Oriented Analysis and Design," Prentice Hall, October 29, 1992, Chapters 1-22	
		M.M. BURNETT, et al., "Visual Object-Oriented Programming Concepts and Environments," Manning Publishing, 1994, Chapters 1-12	
		ERICH GAMMA, et al., "Design Patterns Elements of Reusable Object- Oriented Software," Addison-Wesley, 1994, Chapter 1	
		WAYNE CITRIN, et al., "A Formal Definition of Control Semantics in a Completely Visual Language," September 1993, Mac World	
		RR SOFTWARE INC., "JANUS/ADA 95 Compiler User Manual," Version 5.1 December 1995, pages 6-1 to 6-48	
		F. PENZ, "Visual Programming in the ObjectWorld," Journal of Visual Languages and Computing, March 1991, Vol. 2, p. 17-41	
		L. VANHELSUWE, "Mastering JAVABEANS," Sybex, Chapter 2	
4		DAVID WITHEY MCINTRYE, "A Visual Method for Generating Iconic Programming Environments," UMI Dissertation Services	

Examiner Signature Date Considered 9 10 04



^{*}EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

SEP 1 0 2001 Please type a plus sign (+) inside this box -

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control no.

Substitute	for form 1449A/PT	0	Complete if Known		
			Application Number	09/839,045	
		SCLOSURE	Filing Date	April 20, 2001 Dietrich Charisius, et al.	
STATE	EMENT BY A	APPLICANT	First Named Inventor		
			Group Art Unit	2122	
	(use as many	sheets as necessary)	Examiner Name	Not Yet Assigned	
Sheet	1	of 1	Attorney Docket Number	30013630-0008	

Examiner Initials*	CiteNo.1	U.S. Patent I	Oocument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
15	USPN	5,761,511	()	Gibbons, et al.	6/2/96	Cols. 1-28
T'	USPN	5,924,098		Kluge	7/13/99	Cols. 1-10
	USPN	5,680,619		Gudmundson, et al.	10/21/97	Cols. 3-72
	USPN	5,581,760		Atkinson, et al.	12/3/96	Cols. 1-69
10	USPN	5,682,536		Atkinson, et al.	10/28/97	Cols. 1-71
					<u> </u>	
<u>.</u>						

				FOREIG	N PATENT DOCUME	NTS		
Examiner	Cite	Fore	ign Patent Doc	cument	Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Office ³	Number ⁴	Kind Code ³ (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ⁶
·								
								ļ
								ļ
								ļ
					,,,,			
								ļ. <u>.</u>

Examiner	Date Considered	51004	
Signature	Considered	7/10/01	لــ

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



¹ Unique citation designation number. ² See attached Kinds of U.S. patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

200 Please type a plus sign (+) inside this box →

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control no.

Substitute for form 1449B/PTO				Complete if Known		
				Application Number	09/839,045	
INFO	PRMATION	DISCI	OSURE	Filing Date	April 20, 2001	
STA	STATEMENT BY APPLICANT			First Named Inventor	Dietrich Charisius, et al.	
				Group Art Unit	2122	
	(use as m	any sheet	s as necessary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	30013630-0008	

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
R		Unified Modeling Language (UML) UML BOOCH & OMT Quick Reference for Rational Rose 4.0.	
18		Rational Rose Corporation, Rational Rose Release 4.0 (November 1996) "Using Rational Rose 4.0" Chapters 3-11, pages 11-207	
18		Object-Oriented Software Engineering, A Use Case Driven Approach 1996 Jacobson, Ivar Part I Chapters 1-5, Part II Chapters 6-12, Part III Chapters 13-16, pages 1-500	
Examin Signatu	1 1	Date Considered 5 10 0	4

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.